

FIG. 1

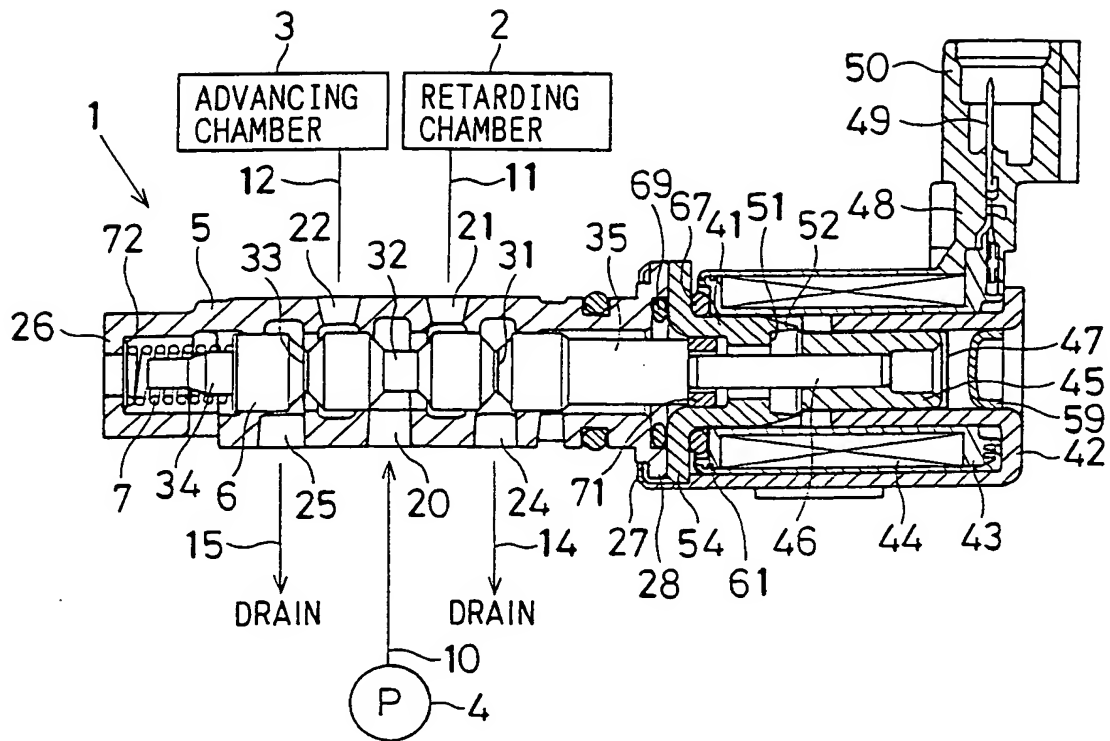


FIG. 2

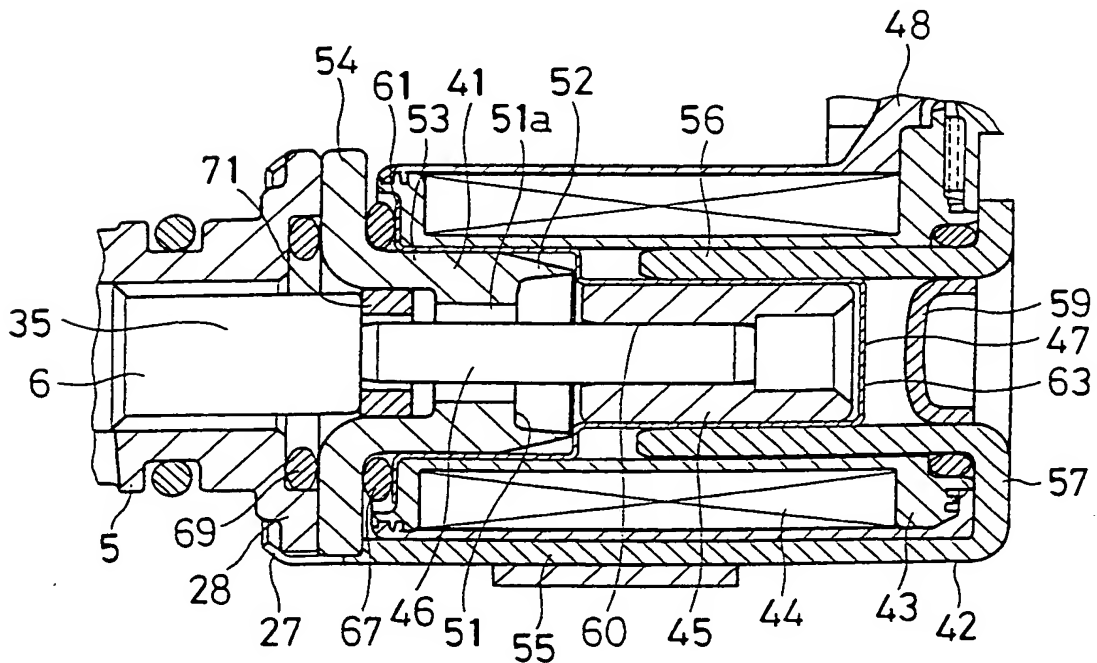


FIG. 3A

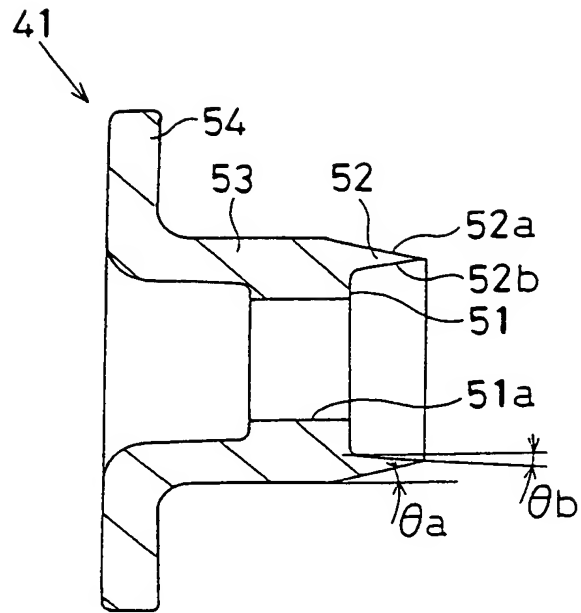


FIG. 3B

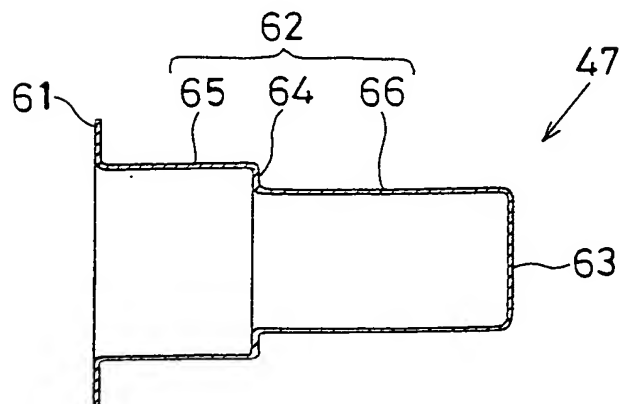


FIG. 4

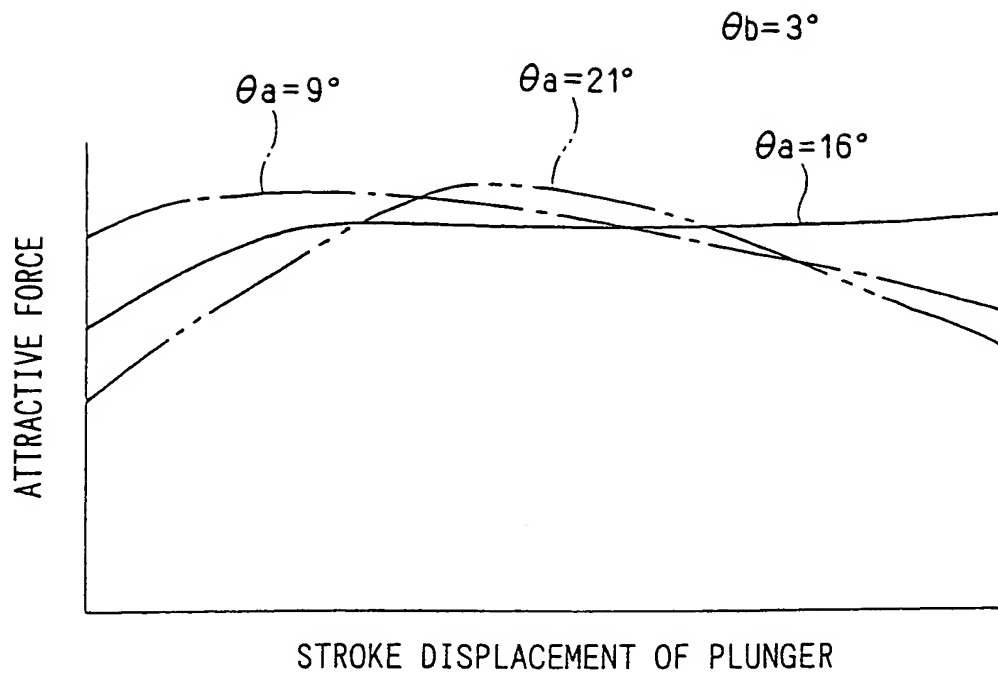


FIG. 5

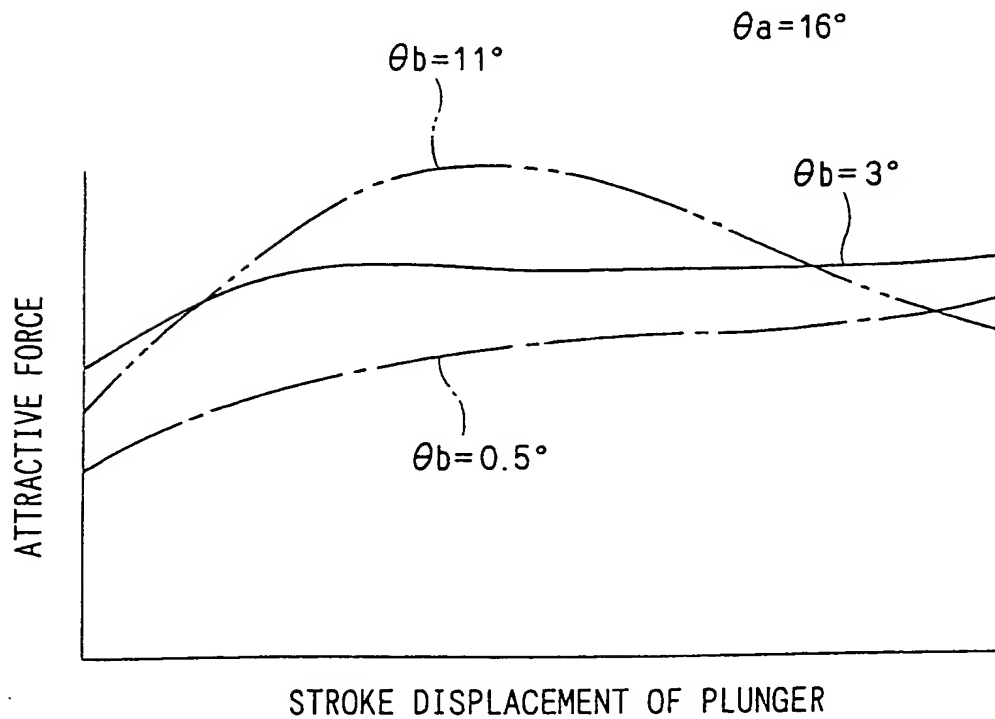


FIG. 6

FIG. 6 is a detailed cross-sectional view of a vacuum tube assembly, likely a magnetron, showing its internal structure and electrical connections. The assembly is divided into an **ADVANCING CHAMBER** (200) on the left and a **RETARDING CHAMBER** (100) on the right, separated by a central region (101). The advancing chamber contains a series of resonant cavities (102, 103, 108, 121, 122, 123, 124) and a central electrode (131, 132, 133, 134, 135, 136, 137). The retarding chamber contains a series of resonant cavities (141, 142, 143) and a central electrode (151, 151a, 151b, 151c). The entire assembly is housed in a vacuum envelope (1). Electrical connections are shown at the bottom, including a power supply (300) connected to a cathode (301) and a grid (302). Dimensions L , Mg , and S are indicated.

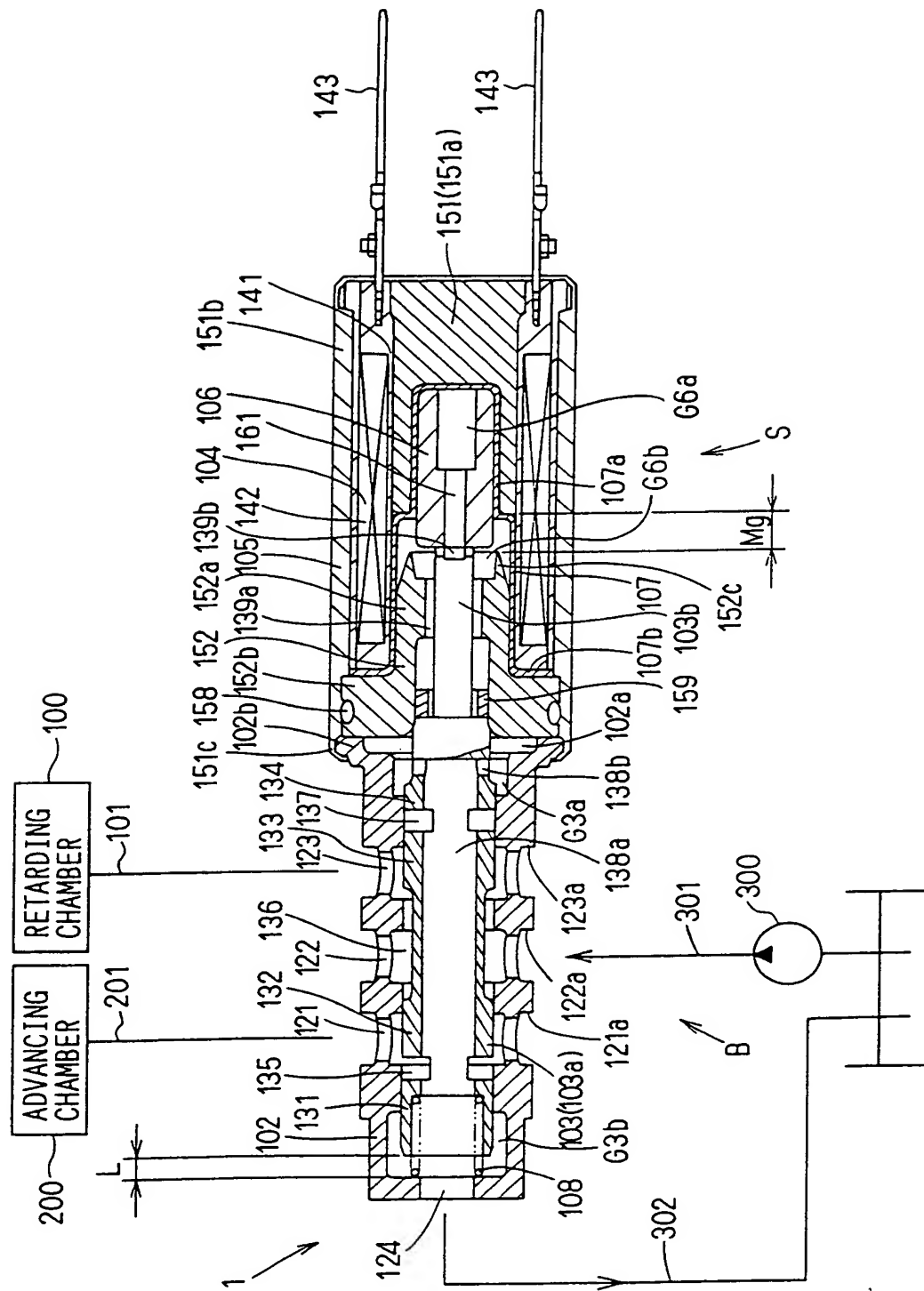


FIG. 7

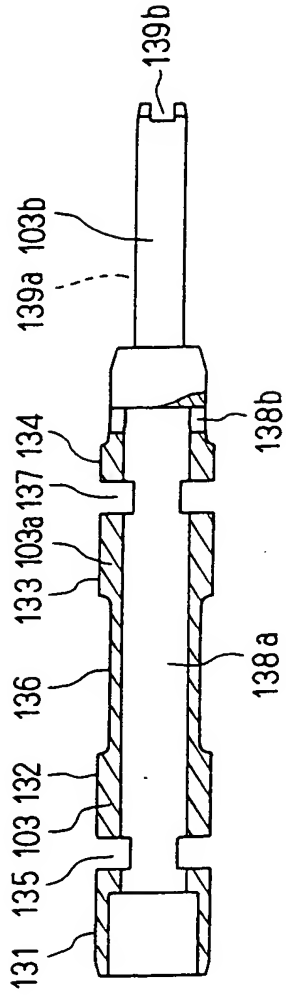


FIG. 8

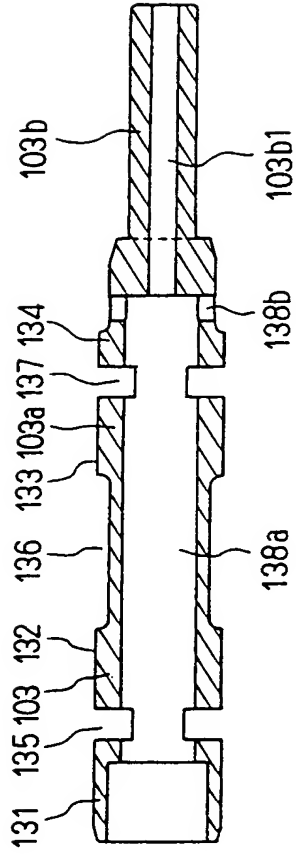


FIG. 9

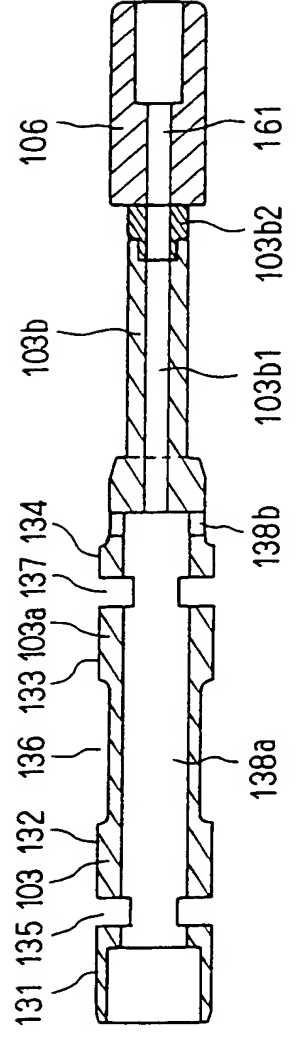


FIG. 10

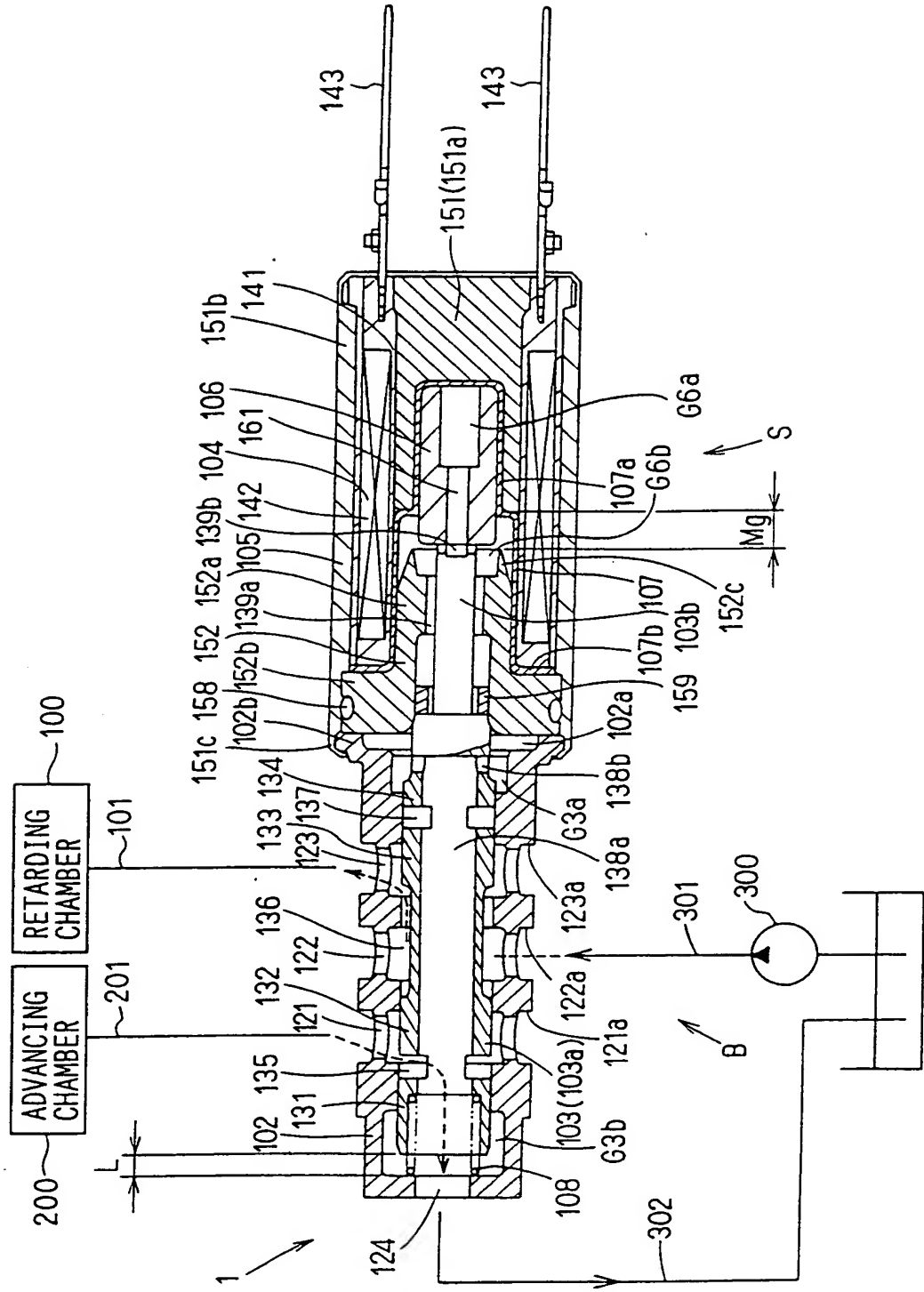


FIG. 11

